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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	854102	interfer\$	US-PGPUB; USPAT	ADJ	ON	2007/05/16 08:45
L2	519590	tomograph\$8 or OCT	US-PGPUB; USPAT	ADJ	ON	2007/05/16 08:45
L3	6924	speckle	US-PGPUB; USPAT	ADJ	ON	2007/05/16 08:46
L4	560820	delay	US-PGPUB; USPAT	ADJ	ON	2007/05/16 08:47
L5	399	1 and 2 and 3 and 4	US-PGPUB; USPAT	ADJ	ON	2007/05/16 08:48
L6	2	1 same 2 same 3 same 4	US-PGPUB; USPAT	ADJ	ON	2007/05/16 08:49
L7	81	5 and "356"/\$.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:13
L8	13	5 and "250"/\$.ccls. not 7	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:00
L9	18	5 and "385"/\$.ccls. not (7 or 8)	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:01
L10	101	5 and "600"/\$.ccls. not (7 or 8 or 9)	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:03
L11	186	5 not (7 or 8 or 9 or 10)	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:08
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L15	52	14 and "356"/450-521.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:42
L16	54	14 and "356"/\$.ccls. not 15	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:19
L17	27	14 and "250"/\$.ccls. not (15 or 16)	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:20
L19	19	14 and "385"/\$.ccls. not (15 or 16 or 17)	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:21
L20	58	14 and "600"/\$.ccls. not (15 or 16 or 17 or 19)	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:22
L21	5	14 and "702"/\$.ccls. not (15 or 16 or 17 or 19 or 20)	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:23
L22	390	14 not (15 or 16 or 17 or 19 or 20 or 21)	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:23

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L23	11	22 and "351"/\$.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:24
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L29	28407	(1 and 2 and 4) not (5 or 12 or 13 or 14 or 25 or 26)	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:41
L30	2274935	sampl\$4 or measur\$6	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:40
L31	609	2 and (1 same (4 with 30))	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:41
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L33	91	32 and "356"/450-521.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:47
L34	30	32 and "356"/\$.ccls. not 33	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:48
L35	13	32 and "250"/\$.ccls. not (33 or 34)	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:49
L36	32	32 and "385"/\$.ccls. not (33 or 34 or 35)	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:50
L37	0	32 and "351"/\$.ccls. not (33 or 34 or 35 or 36)	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:50
L38	11	32 and "702"/\$.ccls. not (33 or 34 or 35 or 36)	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:51
L39	35	32 and "600"/\$.ccls. not (33 or 34 or 35 or 36 or 38)	US-PGPUB; USPAT	ADJ	ON	2007/05/16 09:52
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L44	512	29 and "385"/\$.ccls. not (31 or 41 or 42 or 43)	US-PGPUB; USPAT	ADJ	ON	2007/05/16 10:17
L45	1098	29 and "600"/\$.ccls. not (31 or 41 or 42 or 43 or 44)	US-PGPUB; USPAT	ADJ	ON	2007/05/16 10:18

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L49	1769	48 and (coherence or coherent or oct)	US-PGPUB; USPAT	ADJ	ON	2007/05/16 10:21
L50	172	48 and (1 with (coherence or coherent or oct))	US-PGPUB; USPAT	ADJ	ON	2007/05/16 10:23
L51	51	TEARNEY-GUILLERMO or TEARNEY-GUILLERMO-J or IFTIMIA-NICUSOR or BOUMA-BRETT or BOUMA-BRETT-E or BOUMA-BRETT-EUGENE	US-PGPUB; USPAT	ADJ	ON	2007/05/16 10:25

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L2	22575	tomograph\$6 or OCT	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/16 10:31
L3	276391	delay	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/16 10:31
L4	2612	speckle	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/16 10:31
L5	1633571	sample or measur\$6	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/16 10:32
L6	2	1 and 2 and 3 and 4	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/16 10:32
L7	10	1 and 2 and 4	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/16 10:33
L8	46	1 and 2 and 3	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/16 10:36
L9	3	2 and 3 and 4	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/16 10:37
L10	48	2 and 3 with 5	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/16 10:37


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
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
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
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
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
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
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... Most models of **OCT** wash away **speckle** by averaging the spatial properties of the tissue in the computation of the **interference** signal. ...

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... Measured **interference** patterns were demodulated using an ... Figures (a)(b) show **OCT** cross-sectional ... the multimode fiber for illumination, **speckle** is significantly ...

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J Schmitt - Optics Express, 1998 - opticsinfobase.org

... in time sequence, Input pair of **interference** signal matrices 3 shows a series of **OCT** images recorded ... are not resolvable, generate a fine **speckle** pattern that ...

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... In **OCT**, the signal-carrying **speckle** originates from the ... **speckle** field consists of small **speckle** spots created by ... paths in the two arms of the **interferometer**. ...

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N Ifimia, BE Bouma, GJ Tearney - Journal of Biomedical Optics, 2003 - link.aip.org

... **Speckle** averaged ACPE **OCT** images can be obtained ... developments toward more efficient **interferometer** designs and higher power, clinically viable **OCT** sources may ...

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AF Fercher, W Drexler, CK Hitzenberger, T Lasser - Reports on Progress in Physics, 2003 - iop.org

... 2.5.3. Suppression of **speckle** in **OCT** ... coherence light source is used in a standard Michelson **interferometer**. ... are basically two scan procedures in **OCT**: the **OCT** ...

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IY Petrova, AI Kholodnykh, KV Larin, M Motamedi, ... - Engineering in Medicine and Biology, 2002. 24th Annual ... , 2002 - ieeexplore.ieee.org

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 ... also termed Doppler optical coherence **tomography**, is a ... continuation of the measured **interference** fringes function ... phase-resolved method reduces **speckle** noise in ...

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JF de Boer, CE Saxer, JS Nelson - Appl. Opt, 2001 - OSA
 ... Optical coherence **tomography** OCT is an attractive technique for ... at the location of the **interference** peak from ... taken advantage of only for **speckle** reduction. ...

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 ... than maximum sample-reference **delay** time in ... To verify no intermodal **interference** was present ... **Speckle** in optical coherence **tomography**, " **Speckle** in Optical ...

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 ... In scattering media, optical coherence **tomography** (OCT ... CR values (over 1.2), **interference** within the ... appropriate conditions, static **speckle** statistics could be ...

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[Invivo ultrahigh-resolution optical coherence tomography - all 13 versions »](#)

W Drexler, U Morgner, FX Krtner, C Pitris, SA ... - Opt. Lett, 1999 - OSA
 ... 21, (2003) Common-Path **Interferometer** for Frequency ... endoscopic optical coherent
tomography Optics Letters ... 2003) Polarization-sensitive **speckle** spectroscopy of ...
[Cited by 270](#) - [Related Articles](#) - [Web Search](#)

[Speckle in Optical Coherence Tomography - all 4 versions »](#)

JM Schmitt, SH Xiang, KM Yung - Journal of Biomedical Optics, 1999 - link.aip.org
 ... source of information in optical coherence **tomography** is the ... **speckle** field consists
 of small **speckle** spots created ... paths in the two arms of the **interferometer**. ...
[Cited by 64](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[Femtosecond transillumination tomography in thick tissues - all 6 versions »](#)

MR Hee, JA Izatt, EA Swanson, JG Fujimoto - Opt. Lett, 1993 - OSA
 ... called transillumina- tion optical coherence **tomography** 3 (OCT ... in the transmission
 arm of the **interferometer**. ... to reduce the contribution of **speckle** noise and ...
[Cited by 49](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[Speckle reduction in optical coherence tomography by "path length encoded" angular compounding - all 2 versions »](#)

N Ifimia, BE Bouma, GJ Tearney - Journal of Biomedical Optics, 2003 - link.aip.org
 ... Statistics and reduction of **speckle** in optical ... **tomography**, "Power-efficient
 nonreciprocal **interferometer** and linear ... for optical coherence **tomography**, " Opt ...
[Cited by 9](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[Fourier-transform method of fringe-pattern analysis for computer-based topography and interferometry - all 18 versions »](#)

M Takeda, H Ina, S Kobayashi - J. Opt. Soc. Am, 1982 - opticsexpress.org
 ... the complex analytic signal of **speckle** fields and ... pulses by real-time spectral
interferometry Applied Optics ... swept-source optical coherence **tomography** for in ...
[Cited by 807](#) - [Related Articles](#) - [Cached](#) - [Web Search](#) - [BL Direct](#)

[... flow velocity with the Doppler bandwidth in a phase-resolved functional optical coherence tomography - all 7 versions »](#)

H Ren, KM Brecke, Z Ding, Y Zhao, JS Nelson, Z ... - Opt Lett, 2002 - OSA
 ... combines Doppler velocimetry with optical coherence **tomography** ... source and an optical
interferometer to obtain ... turbulence, Brownian motion, **speckle**, and probe ...
[Cited by 15](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[Ultrahigh-resolution, high-speed, Fourier domain optical coherence tomography and methods for ... - all 7 versions »](#)

M Wojtkowski, V Srinivasan, T Ko, J Fujimoto, A ... - Optics Express, 2004 - OSA
 ... 25, (2004) **Speckle** reduction in optical coherence ... in a fiber-optic imaging
interferometer Applied Optics ... full-field optical coherence **tomography** Optics Express ...
[Cited by 64](#) - [Related Articles](#) - [Web Search](#)

[Phase-resolved optical coherence tomography and optical Doppler tomography for imaging blood flow in ... - all 10 versions »](#)

Y Zhao, Z Chen, C Saxer, S Xiang, JF de Boer, JS ... - Opt. Lett, 2000 - OSA

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